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9	GOOGLE LLC	DISTRICT COURT
10	NORTHERN DISTRICT OF CALIFORNIA	
11	SAN FRANCISCO	
12 13	ANIBAL RODRIGUEZ, <i>et al.</i> individually and on behalf of all other similarly situated,	Case No. 3:20-CV-04688 RS  DECLARATION OF STEVE GANEM IN
14 15	Plaintiffs, vs GOOGLE LLC, et al.	SUPPORT OF PLAINTIFFS' ADMINISTRATIVE MOTION TO SEAL JOINT LETTER BRIEF RE: GOOGLE PRESERVATION
16 17 18	Defendant.	[Declaration of Eduardo E. Santacana in Support of Administrative Motion to Seal filed concurrently herewith]
19		Judge: Hon. Alex G. Tse Courtroom: A – 15th Floor Trial Date: Not Yet Set
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## I, STEVE GANEM, declare:

- 1. I am a Group Product Manager at Google LLC ("Google") with supervisory authority concerning Google Analytics for Firebase ("GA for Firebase"). In my role as Group Product Manager, I am familiar with Google's practices regarding the treatment of sensitive business and technical information.
- 2. Unless otherwise stated, the facts I set forth in this declaration are based on my personal knowledge or knowledge I obtained through my review of corporate records or other investigation. If called to testify as a witness, I could and would testify competently to such facts under oath.
- 3. I submit this declaration in support of the Administrative Motion to Consider Whether Another Party's Material Should be Sealed filed by Plaintiffs. ECF No. 166.
- 4. I have reviewed portions of (1) the Joint Letter Brief regarding Google's preservation ("Preservation Joint Letter Brief") that have been designated for sealing (ECF No. 166-2); and (2) my declaration in support of the Preservation Joint Letter Brief ("Ganem Declaration") (ECF No. 166-3).
- 5. Portions of page 3, paragraph 3, lines 4-8 and 12-13 of the Preservation Joint Letter Brief that have been filed under seal disclose confidential and proprietary information relating to the raw data Google collects through GA for Firebase. The figures Google seeks to seal include the specific number of event-level data entries Google logs per day in its app measurement logs. Other figures would allow a reader to reverse calculate the number of GA for Firebase log entries because those figures disclose the amount of data collected measured in bytes, the cost to store such data, and the volume of space necessary to store such data, so no more limited sealing would appropriately protect Google's confidential and proprietary information.

- 6. Google considers the amount of raw data collected through GA for Firebase to be highly confidential and proprietary information that is kept confidential both internally at Google and in litigation. For example, the figures Google seeks to keep under seal would reveal the technical underpinnings of the GA for Firebase product, as well as Google's product design and business strategy, all of which has taken Google years to develop at significant cost. A competitor could use the information to unfairly compete with Google's product offerings; and a bad actor could use the information to improperly access Google's systems to target proprietary information. This information should be shielded from unnecessary public disclosure.
- 7. Paragraphs 3–6 of the Ganem Declaration, at "REDACTED" ("... the app measurement logs, which record [REDACTED] entries per day . . ."; "For context, 56 days' worth of data totals over [REDACTED])."; ". . . data would cost [REDACTED], and three years would cost [REDACTED]; preserving it indefinitely . . . "; ". . . Google would need [REDACTED]. To store one year's worth of data, Google would need [REDACTED]; for three years: [REDACTED]."), disclose the same confidential information as discussed at paragraphs 5-6 above and should be sealed for the same reasons.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Executed November 18, 2021, at San Francisco, California.

/s/ Steve Ganem STEVE GANEM

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